

## Special Application Agriculture Single Phase Aeration Fan & Crop Dryer



### APPLICATIONS:

For air over applications or fans mounted directly on the motor shaft. Specifically designed for use on vane axial crop dryers and aeration fans.

### FEATURES:

#### Aeration Fan

- Totally Enclosed, Air Over
- Class B Insulation On 56 Frame
- Class F Insulation On 140 Frame

- Keyed Shaft Drilled On Center 1" Deep & Tapped 1/4" UNC
- 56Z Frame Motors Have 5/8" Dia. X 2-1/4" Long Shaft
- F1 Assembly Position

### Aeration Fan – Cap Start

HP	RPM	Voltage	Frame	Catalog Number	SF	Total Length	Ship Wt.	Nominal Eff.	Full Load Amps	Notes
3/4	3600	115/230	56Z	FD34CA1PZ	1.00	11.0	25	-	11.0/5.5	24
1	3600	115/230	56Z	FD1CA1PZ	1.00	11.5	29	70.0	12.4/6.2	24
1-1/2	3600	115/230	143TZ	FD32CA1P14	1.00	12.6	32	73.0	17.4/8.7	24
2	3600	115/230	143TZ	FD2CA1P14	1.00	13.6	42	75.5	22.2/11.1	24
3	3600	230	145TZ	FD3CA1K14	1.00	13.6	42	78.5	14.9	24, CSCR

### FEATURES:

#### Crop Dryer

- Open Drip-Proof Air-Over
- Thermostat Protected (Overheating Protection) Requires Leads to be Connected to Control Circuit of Motor Controller

- Non-Standard 1-1/8" Diameter x 3-1/4" Long Keyed Shaft Is Drilled On Center 1" Deep & Tapped 1/4-20 UNC
- Rodent Screens, Extra Long Leads, Class F Insulation
- F1 Assembly Position

### Crop Dryer – Cap Start

HP	RPM	Voltage	Frame	Catalog Number	SF	Total Length	Ship Wt.	Nominal Eff.	Full Load Amps	Notes
5-7	3600	230	184TZ	FD5CM1K18Z	1.00	18.4	90	82.8	21.0	-
7.5-9	3600	230	184TZ	FD7CM1K18Z	1.00	18.4	90	88.7	30.0	-
10-12	3600	230	215TZ	FD10CM1K21Z	1.15	20.4	127	85.2	40.0	-

Note 24: Automatic Reset Thermal Overload Protector

Note CSCR: Capacitor Start Capacitor Run

† All marks shown within this document are properties of their respective owners.

